

Date Prepared: 07/06/95

DA ISOM  
Copy No. 15  
H4-79

Transmittal Number: BHI-OP-00025-TR82

Document Number: BHI-OP-00025, Rev. 00

Title: PROCEDURE FOR DISPOSING OF CONDENSATE FROM  
200-ZP-2 INTO THE TREATMENT SYSTEM AT 200-ZP-1

**Instructions:** (1) Remove and/or insert indicated procedure/section into manual as shown.  
(2) Sign this form and return it to Procedures Coordination **within 10 working days of receipt.**

[illegible]

If you have any questions about this release, please contact Kathy Carter (509) 372-9555.

## Receipt Acknowledgment

I have inserted this material into the manual per the above instructions:

**Signature**

Date \_\_\_\_\_

**New address or MSIN if different than listed above:**

**FOLD DOWN TO THE DOTTED LINE--PLEASE DO NOT STAPLE OR TAPE.**

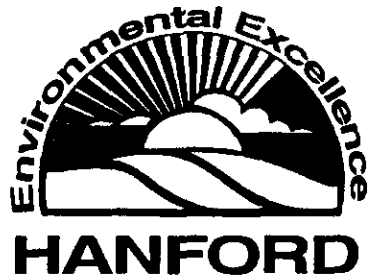
**RETURN TO: Procedures Coordination, MSIN H4-79**  
**Bechtel Hanford, Inc., P.O. Box 969, Richland, Washington 99352**

**THIS PAGE INTENTIONALLY  
LEFT BLANK**

# Procedure for Disposing of Condensate from 200-ZP-2 into the Treatment System at 200-ZP-1

Author  
J. F. Muralt

Date Published  
December 1994



Prepared for the U.S. Department of Energy  
Office of Environmental Restoration and  
Waste Management

**Bechtel Hanford, Inc.**  
Richland, Washington

Approved for Public Release

Controlled Copy No. 15

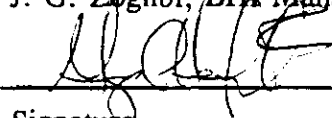
BHI-OP-<sup>00025</sup>~~000025~~ <sup>12/27/94</sup>  
REV: 00  
OU: 200-ZP-1  
TSD: N/A  
ERA: N/A

### APPROVAL PAGE

Title of Document: PROCEDURE FOR DISPOSING OF CONDENSATE FROM  
200-ZP-2 INTO THE TREATMENT SYSTEM AT 200-ZP-1

Author(s): J. F. Muralt

Approval: J. G. Zoghbi, BHI Manager, 200 Area Projects

  
Signature

12/22/94  
Date

The approval signature on this page indicates that this document has been authorized for information release to the public through appropriate channels. No other forms or signatures are required to document this information release.

In some cases, for documents in process or previously issued with a WHC document number before July 1, 1994, this page will appear in documents identified with WHC document numbers. No other forms are required for these documents.

TOTAL PAGES: 6

BHI-PC 12/27/94 <sup>12/27/94</sup>

Note: This procedure will be used in the interim until a 500 gallon tank is procured for 200-ZP-2. At that time, the procedure will be incorporated as a section of the 200-ZP-1 field operating procedures. Also, drummed system liquid waste will be disposed of per this procedure, as necessary.

**PROCEDURE FOR DISPOSING OF CONDENSATE FROM 200-ZP-2 INTO THE TREATMENT SYSTEM AT 200-ZP-1**

NO additional personal protective equipment (PPE) other than that specified in the 200-ZP-1 site specific hazardous waste operations plan (HWOP) for handling untreated groundwater is required. A walkdown/dry run will be performed prior to start. Also, prior to start, a pre-job safety meeting will cover all possible safety hazards (ie. pinch points, etc.).

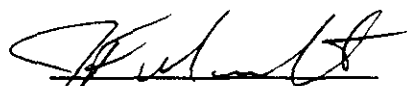
- 1) Verify that all system lines from the extraction wellhead to the Process Trailer influent manifold have been evacuated and that all system valves (BV-1 through BV-8, AC-1, SC-1, SC-2, BV-12 through BV-16, BV-20, AC-2, BV-22 through BV-25, BV-27, BV-28, BV-29, BV-30 through BV-37, SC-6, and BV-40) are closed.
- 2) Disconnect system line at Tank #1 inlet manifold and cap both camlocks.
- 3) Disconnect system line at Process Trailer inlet manifold and cap both camlocks.
- 4) Uncap and connect the system line from Step #3 to the Tank #1 inlet manifold.
- 5) Disconnect system line at the Tank #1 outlet manifold and cap both camlocks.
- 6) Open BV-20, BV-24, BV-25, BV-34 through BV-37, GV-1, BV-6, and BV-12.
- 7) Switch disconnect of Pump P-2B to "On."
- 8) Switch MBV-1 "Open-Closed-Auto" switch to "Open."
- 9) Uncap and insert influent pump skid hose into drum fluid.
- 10) Depress and hold Pump P-2B "Start" pushbutton.
- 11) Hold influent pump skid inlet system hose in drum until condensate is removed. Immediately remove line from emptied drum and place into an adjacent full drum.
- 12) The drums shall be reused. Stage a drum nearby to collect rinse water. Once the drum containing the condensate is emptied, immediately rinse with clean water. Drain the rinse water containing residual sediment into the rinsate drum. Label the emptied drum "used." The rinsate drum will be drained into the system last. The sediment will not be drained into the system but returned to 200-ZP-2 to be disposed of as listed waste.

PROCEDURE FOR DISPOSING OF CONDENSATE FROM 200-ZP-2  
INTO THE TREATMENT SYSTEM AT 200-ZP-1

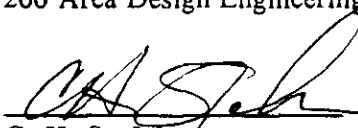
Revision No. 00

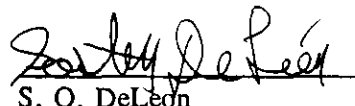
Issue Date 12/27/94

Impact Level Q

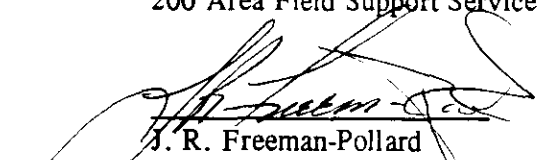
Author:  12-20-94  
J. F. Muralt Date


Concurrence by:  12/22/94  
A. G. Dada Date  
200 Area Design Engineering Lead

 12-20-94  
C. H. St. John Date  
200 Area Health and Safety Lead

 12/21/94  
S. O. DeLeon Date  
200 Area Quality Assurance Lead

 12-20-94  
R. J. Fabre Date  
200 Area Field Support Services Lead

 12/19/94  
J. R. Freeman-Pollard Date  
Operable Unit Lead

 12/20/94  
K. R. Porter Date  
200 Area Task Lead

## DISTRIBUTION

Onsite <sup>15</sup>~~(17)~~ copies <sup>12/27/94</sup>~~12/27/94~~

### Controlled

5- J. G. Zoghbi	H4-79
6- A. G. Dada	H4-85
7- R. J. Fabré	H6-03
8- C. H. St. John	N3-06
9- S. O. DeLeon	H4-16
10, 11, 12, 13- J. R. Freeman-Pollard (4)	H6-04
14- G. L. Kasza	H6-04
15- M. A. Buckmaster	H6-01
EPIC (2)	<del>H6-08</del> 12/27/94
3- ERC	H6-07
2- <del>BH</del> <del>ERE</del> Project File	H6-08
1- Procedures Coordination	H4-79
4- Resource Center	N3-05
600 Area	

- 13) When all condensate drums and the rinsate drum have been emptied, switch MBV-1 "Open-Closed-Auto" switch to "Closed," close BV-20, and release Pump P-2B "Start" pushbutton.
- 14) Reconnect influent pump-skid inlet system line to the outlet manifold of Tank #1.
- 15) Switch disconnect of Pump P-2B to "Off."
- 16) Connect the Air compressor line to AC-2, and switch the compressor switch to "Auto".
- 17) Switch MBV-1 "Open-Closed-Auto" switch to "Open."
- 18) Open BV-7 and BV-8.
- 19) When the pressure gage on the compressor tank reaches approximately 50 psi, (not to exceed 60 psi) open AC-2.
- 20) When the system line has been sufficiently evacuated (allow 3-5 minutes), close BV-12.
- 21) Move the compressor switch to "Off" and close AC-2.
- 22) Open SC-2 allowing excess air pressure to be released.
- 23) Close SC-2, BV-24, BV-25, BV-34 through BV-37, GV-1, BV-6, BV-7, and BV-8.
- 24) Switch MBV-1 "Open-Closed-Auto" switch to "Closed."
- 25) Evacuate Tank #1 to pump-skid system line as per Air Purging Procedures.
- 26) Document the date and quantity of condensate transferred into the 200-ZP-1 treatment system.